Author Index

Agnew, W.F., see McCreery, D.B. (62) 42
Altschuler, R.A., see Shore, S.E. (62) 16
Aronson, H.B., see Lidan, D. (62) 57
Asao, T., see Fujita, S. (62) 127

Bacon, C.K., see Cohen, Y.E. (62) 187
Barretto, R.L. and Pfingst, B.E.
Electrical stimulation of the auditory nerve: Effects of pulse width on frequency discrimination (62) 245
Bernstein, L.R. and Trahiotis, C.
Detection of antiphasic sinusoids added to the envelopes of high-frequency bands of noise (62) 157
Bledsoe, Jr., S.C., see Shore, S.E. (62) 16
Boettcher, F.A., Spongr, V.P. and Salvi, R.J.
Physiological and histological changes associated with the reduction in threshold shift during interrupted noise exposure (62) 217
Bullara, L.A., see McCreery, D.B. (62) 42

Capranica, R.R., see Dodd, F. (62) 173
Chimento, T.C. and Schreiner, C.E.
Adaptation and recovery from adaptation of the auditory nerve neurophonic (ANN) using long duration tones (62) 131
Clark, G.M., see Ni, D. (62) 63
Cody, A.R.
Acoustic lesions in the mammalian cochlea: Implications for the spatial distribution of the 'active process' (62) 166
Cohen, Y.E., Bacon, C.K. and Saunders, J.C.
Middle ear development III: Morphometric changes in the conducting apparatus of the Mongolian gerbil (62) 187

Dartsch, P.C., see Melichar, I. (62) 89
Decraemer, W.F.S., see Dirckx, J.J.J. (62) 99
Ding, D.-l., see Gao, W.-y. (62) 27
Dirckx, J.J.J. and Decraemer, W.F.S.
Area change and volume displacement of the human tympanic membrane under static pressure (62) 99
Dodd, F. and Capranica, R.R.
A comparison of anesthetic agents and their effects on the response properties of the peripheral auditory system (62) 173

Fex, J., see Tachibana, M. (62) 82
Fex, J., see Wilcox, E.R. (62) 124
Fredelius, L. and Wersäll, J.
Hair cell damage after continuous and interrupted pure tone overstimulation: A scanning electron microscopic study in the guinea pig (62) 194
Fujita, S., Inagaki, S., Takagi, H., Asao, T., Hozawa, J. and Usami, S.-i.
Preprotachykinin A mRNA detected by in situ hybridization in guinea pig vestibular ganglion (62) 127

Gao, W.-y., Ding, D.-l., Zheng, X.-y., Run, F.-m. and Liu, Y.-j.
A comparison of changes in the stereocilia between temporary and permanent hearing losses in acoustic trauma (62) 27
Gitter, A.H., see Melichar, I. (62) 89
Godfrey, D.A., see Shore, S.E. (62) 16

Hattori, T., see Ueda, H. (62) 199
Heffner, H.E., see Heffner, R.S. (62) 206
Heffner, R.S. and Heffner, H.E.
Hearing and sound localization in blind mole rats (*Spalax ehrenbergi*) (62) 206
Helfert, R.H., see Shore, S.E. (62) 16
Hozawa, J., see Fujita, S. (62) 127

Ikeda, K., see Sunose, H. (62) 237
Inagaki, S., see Fujita, S. (62) 127

Johnson, D.H., see Zacksenhouse, M. (62) 105
Jones, T.A. and Nelson, R.C.
Recovery of vestibular function following hair cell destruction by streptomycin (62) 181

Kuijpers, W., Tonnaer, E.L.G.M., Peters, T.A. and Ramaekers, F.C.S.
Developmentally-regulated coexpression of vimentin and cytokeratins in the rat inner ear (62) 1

Lavigne-Rebillard, M., see Rebillard, G. (62) 142
Lidan, D., Yedgar, S., Aronson, H.B. and Sohmer, H.
Influence of experimentally elevated blood viscosity on the auditory nerve-brainstem evoked response and threshold (62) 57
Liu, Y.-j., see Gao, W.-y. (62) 27

Marcus, D.C., see Wangemann, P. (62) 149
McCreery, D.B., Yuen, T.G.H., Agnew, W.F. and Bullara, L.A.
Stimulation with chronically implanted microelectrodes in the cochlear nucleus of the cat: Histologic and physiologic effects (62) 42
Melichar, I., Gitter, A.H., Dartsch, P.C. and Zenner, H.P.
Characterization of marginal and Claudius' cells growing from cochlear explants in vitro (62) 89
Millard, R.E., see Ni, D. (62) 63
Morioka, H., see Tachibana, M. (62) 11

Nelson, R.C., see Jones, T.A. (62) 181
Ni, D., Shepherd, R.K., Seldon, H.L., Xu, S.-A., Clark, G.M. and Millard, R.E.
Cochlear pathology following chronic electrical stimulation of the auditory nerve. I: Normal hearing kittens (62) 63
Nishiyama, A., see Sunose, H. (62) 237
Niwa, H., see Ueda, H. (62) 199

Peters, T.A., see Kuijpers, W. (62) 1
Pfingst, B.E., see Barretto, R.L. (62) 245

Ramaekers, F.C.S., see Kuijpers, W. (62) 1
Rebillard, G. and Lavigne-Rebillard, M.
Effect of reversible hypoxia on the compared time courses of endocochlear potential and $2f_1-f_2$ distortion products (62) 142
Run, F.-m., see Gao, W.-y. (62) 27

Saito, Y., see Sunose, H. (62) 237
Salvi, R.J., see Boettcher, F.A. (62) 217
Saunders, J.C., see Cohen, Y.E. (62) 187

Sawaki, M., see Ueda, H. (62) 199
Schneider, M., see Tachibana, M. (62) 82
Schreiner, C.E., see Chimento, T.C. (62) 131
Seldon, H.L., see Ni, D. (62) 63
Shepherd, R.K., see Ni, D. (62) 63
Shore, S.E., Godfrey, D.A., Helfert, R.H., Altschuler, R.A. and Bledsoe, Jr., S.C.
Connections between the cochlear nuclei in guinea pig (62) 16
Sohmer, H., see Lidan, D. (62) 57
Spongr, V.P., see Boettcher, F.A. (62) 217
Sunose, H., Ikeda, K., Saito, Y., Nishiyama, A. and Takasaka, T.
Membrane potential measurement in isolated outer hair cells of the guinea pig cochlea using conventional microelectrodes (62) 237

Tachibana, M. and Morioka, H.
Glucuronic acid-containing glycosaminoglycans occur in otoconia: Cytochemical evidence by hyaluronidase-gold labeling (62) 11
Tachibana, M., Wilcox, E., Yokotani, N., Schneider, M. and Fex, J.
Selective amplification and partial sequencing of cDNAs encoding G protein α subunits from cochlear tissues (62) 82
Takagi, H., see Fujita, S. (62) 127
Takasaka, T., see Sunose, H. (62) 237
Tonnaer, E.L.G.M., see Kuijpers, W. (62) 1
Trahiotis, C., see Bernstein, L.R. (62) 157
Tsuchitani, C., see Zacksenhouse, M. (62) 105

Ueda, H., Hattori, T., Sawaki, M., Niwa, H. and Yanagita, N.
The effect of furosemide on evoked otoacoustic emissions in guinea pigs (62) 199
Usami, S.-i., see Fujita, S. (62) 127

Wangemann, P. and Marcus, D.C.
The membrane potential of vestibular dark cells is controlled by a large Cl^- conductance (62) 149
Wersäll, J., see Fredelius, L. (62) 194
Wilcox, E., see Tachibana, M. (62) 82
Wilcox, E.R. and Fex, J.
Construction of a cDNA library from microdissected guinea pig organ of Corti (62) 124

Xu, S.-A., see Ni, D. (62) 63

Yanagita, N., see Ueda, H. (62) 199
Yedgar, S., see Lidan, D. (62) 57
Yokotani, N., see Tachibana, M. (62) 82
Yuen, T.G.H., see McCreery, D.B. (62) 42

Zacksenhouse, M., Johnson, D.H. and Tsuchitani, C.
Excitatory/inhibitory interaction in the LSO revealed by point process modeling (62) 105
Zenner, H.P., see Melichar, I. (62) 89
Zheng, X.-y., see Gao, W.-y. (62) 27

Subject Index

ABR
Cochlear implants; Electrical stimulation; Cochlear pathology, Electrode impedance; EABR (Ni, D. (62) 63)

Acoustic distortion product
Hypoxia; Cochlear micromechanics; Endocochlear potential (Rebillard, G. (62) 142)

Acoustic lesion
Active process; Spatial distribution (Cody, A.R. (62) 166)

Acoustic trauma
Stereocilia; Temporary threshold shift; Permanent threshold shift; Cuticular plate (Gao, W.-y. (62) 27)

Cochlear damage; Scanning electron microscopy (Fredelius, L. (62) 194)

Active process
Spatial distribution; Acoustic lesion (Cody, A.R. (62) 166)

Aminoglycosides
Vestibular recovery; Chick; Hair cell regeneration; Ototoxicity (Jones, T.A. (62) 181)

Anatomy
Middle-ear; Development; Mongolian gerbil (Cohen, Y.E. (62) 187)

Anesthesia
Auditory physiology; Reptiles (Dodd, F. (62) 173)

Area
Eardrum; Static pressure; Volume (Dirckx, J.J.J. (62) 99)

Audiogram
Evolution; Subterranean; Vision; Comparative; Rodent (Heffner, R.S. (62) 206)

Auditory nerve-brainstem response
Blood viscosity; Polycythemia; Hematocrit (Lidan, D. (62) 57)

Auditory physiology
Anesthesia; Reptiles (Dodd, F. (62) 173)

Auditory prosthesis
Psychophysics; Electrical stimulation; Nonhuman primate; Frequency discrimination; Level discrimination (Barretto, R.L. (62) 245)

Binaural hearing
Horseradish peroxidase-wheatgerm agglutinin; Contralateral cochlear nucleus; Ventral cochlear nucleus; Dorsal cochlear nucleus; Commissural connections (Shore, S.E. (62) 16)

Masking-level differences; Binaural sluggishness (Bernstein, L.R. (62) 157)

Binaural processing
Point process models; Lateral superior; Inhibition olive (Zacksenhouse, M. (62) 105)

Binaural sluggishness
Binaural hearing; Masking-level differences (Bernstein, L.R. (62) 157)

Blood viscosity
Auditory nerve-brainstem response; Polycythemia; Hematocrit (Lidan, D. (62) 57)

Cat
Cochlear nucleus; Electric stimulation; Microelectrodes; Microstimulation; Neural damage (McCreery, D.B. (62) 42)

Forward masking; Compound action potential; Phase locking; Time constant (Chimento, T.C. (62) 131)

Chick
Vestibular recovery; Aminoglycosides; Hair cell regeneration; Ototoxicity (Jones, T.A. (62) 181)

Chloride channel
Gerbil; Inner ear; Potassium; Piretanide (Wangemann, P. (62) 149)

Claudius' cells
Stria vascularis; Primary cell culture; Marginal cells; Cytokeratin; Vimentin (Melichar, I. (62) 89)

Cloning
Guinea pig; Organ of Corti; Molecular biology (Wilcox, E.R. (62) 124)

Cochlea
G protein; RNA; cDNA; Polymerase chain reaction; Organ of Corti; Lateral wall (Tachibana, M. (62) 82)

Noise induced hearing loss; Hair cells; Compound action potential; Cochlear microphonic; Scanning electron microscopy (Boettcher, F.A. (62) 217)

Outer hair cell; Microelectrode; Membrane potential; Na^+, K^+ ATPase; K^+ permeability; Na^+ permeability (Sunose, H. (62) 237)

Cochlear damage
Acoustic trauma; Scanning electron microscopy (Fredelius, L. (62) 194)

Cochlear implants
Electrical stimulation; Cochlear pathology, Electrode impedance; ABR; EABR (Ni, D. (62) 63)

Cochlear micromechanics
Acoustic distortion product; Hypoxia; Endocochlear potential (Rebillard, G. (62) 142)

Cochlear microphonic
Noise induced hearing loss; Hair cells; Cochlea; Compound action potential; Scanning electron microscopy (Boettcher, F.A. (62) 217)

Cochlear nucleus
Cat; Electric stimulation; Microelectrodes; Microstimulation; Neural damage (McCreery, D.B. (62) 42)

Cochlear pathology, Electrode impedance
Cochlear implants; Electrical stimulation; ABR; EABR (Ni, D. (62) 63)

Commissural connections
Horseradish peroxidase-wheatgerm agglutinin; Contralateral cochlear nucleus; Ventral cochlear nucleus; Dorsal cochlear nucleus; Binaural hearing (Shore, S.E. (62) 16)

Comparative
Evolution; Subterranean; Audiogram; Vision; Rodent (Heffner, R.S. (62) 206)

Compound action potential
Forward masking; Phase locking; Cat; Time constant (Chimento, T.C. (62) 131)

Noise induced hearing loss; Hair cells; Cochlea; Cochlear microphonic; Scanning electron microscopy (Boettcher, F.A. (62) 217)

Contralateral cochlear nucleus
Horseradish peroxidase-wheatgerm agglutinin; Ventral cochlear nucleus; Dorsal cochlear nucleus; Commissural connections; Binaural hearing (Shore, S.E. (62) 16)

Cuticular plate
Acoustic trauma; Stereocilia; Temporary threshold shift; Permanent threshold shift (Gao, W.-y. (62) 27)

Cytokeratin
Intermediate filaments; Vimentin; Rat; Inner ear; Development (Kuijpers, W. (62) 1)

Stria vascularis; Primary cell culture; Marginal cells; Claudius' cells; Vimentin (Melichar, I. (62) 89)

Development
Intermediate filaments; Vimentin; Cytokeratin; Rat; Inner ear (Kuijpers, W. (62) 1)

Middle-ear; Anatomy; Mongolian gerbil (Cohen, Y.E. (62) 187)

cDNA
G protein; RNA; Polymerase chain reaction; Organ of Corti; Lateral wall; Cochlea (Tachibana, M. (62) 82)

Dorsal cochlear nucleus
Horseradish peroxidase-wheatgerm agglutinin; Contralateral cochlear nucleus; Ventral cochlear nucleus; Commissural connections; Binaural hearing (Shore, S.E. (62) 16)

EABR
Cochlear implants; Electrical stimulation; Cochlear pathology, Electrode impedance; ABR (Ni, D. (62) 63)

Eardrum
Static pressure; Area; Volume (Dirckx, J.J.J. (62) 99)

Electrical stimulation
Cochlear implants; Cochlear pathology, Electrode impedance; ABR; EABR (Ni, D. (62) 63)

Auditory prosthesis; Psychophysics; Nonhuman primate; Frequency discrimination; Level discrimination (Barretto, R.L. (62) 245)

Electric stimulation
Cat; Cochlear nucleus; Microelectrodes; Microstimulation; Neural damage (McCreery, D.B. (62) 42)

Endocochlear potential
Acoustic distortion product; Hypoxia; Cochlear micromechanics (Rebillard, G. (62) 142)

Evolution
Subterranean; Audiogram; Vision; Comparative; Rodent (Heffner, R.S. (62) 206)

Forward masking
Compound action potential; Phase locking; Cat; Time constant (Chimento, T.C. (62) 131)

Frequency discrimination
Auditory prosthesis; Psychophysics; Electrical stimulation; Nonhuman primate; Level discrimination (Barretto, R.L. (62) 245)

Furosemide
Otoacoustic emission; Guinea pig (Ueda, H. (62) 199)

Gerbil
Inner ear; Potassium; Chloride channel; Piretanide (Wangemann, P. (62) 149)

Glycosaminoglycans
Hyaluronidase-gold; Otoconia; Utricle; Mongolian gerbil (Tachibana, M. (62) 11)

G protein
RNA; cDNA; Polymerase chain reaction; Organ of Corti; Lateral wall; Cochlea (Tachibana, M. (62) 82)

Guinea pig
Organ of Corti; Molecular biology; Cloning (Wilcox, E.R. (62) 124)

Preprotachykinin A; Substance P; Neurokinin A; Vestibular ganglion; Hybridization, in situ; Histochemistry (Fujita, S. (62) 127)

Otoacoustic emission; Furosemide (Ueda, H. (62) 199)

Hair cell regeneration
Vestibular recovery; Chick; Aminoglycosides; Ototoxicity (Jones, T.A. (62) 181)

Hair cells
Noise induced hearing loss; Cochlea; Compound action potential; Cochlear microphonic; Scanning electron microscopy (Boettcher, F.A. (62) 217)

Hematocrit
Blood viscosity; Auditory nerve-brainstem response; Polycythemia (Lidan, D. (62) 57)

Histochemistry
Preprotachykinin A; Substance P; Neurokinin A; Vestibular ganglion; Guinea pig; Hybridization, in situ (Fujita, S. (62) 127)

Horseradish peroxidase-wheatgerm agglutinin
Contralateral cochlear nucleus; Ventral cochlear nucleus; Dorsal cochlear nucleus; Commissural connections; Binaural hearing (Shore, S.E. (62) 16)

Hyaluronidase-gold
Glycosaminoglycans; Otoconia; Utricle; Mongolian gerbil (Tachibana, M. (62) 11)

Hybridization, in situ
Preprotachykinin A; Substance P; Neurokinin A; Vestibular ganglion; Guinea pig; Histochemistry (Fujita, S. (62) 127)

Hypoxia
Acoustic distortion product; Cochlear micromechanics; Endocochlear potential (Rebillard, G. (62) 142)

Inhibition olive
Point process models; Binaural processing; Lateral superior (Zacksenhouse, M. (62) 105)

Inner ear
Intermediate filaments; Vimentin; Cytokeratin; Rat; Development (Kuijpers, W. (62) 1)

Gerbil; Potassium; Chloride channel; Piretanide (Wangemann, P. (62) 149)

Intermediate filaments
Vimentin; Cytokeratin; Rat; Inner ear; Development (Kuijpers, W. (62) 1)

K^+ permeability
Cochlea; Outer hair cell; Microelectrode; Membrane potential; Na^+, K^+ ATPase; Na^+ permeability (Sunose, H. (62) 237)

Lateral superior
Point process models; Binaural processing; Inhibition olive (Zacksenhouse, M. (62) 105)

Lateral wall
G protein; RNA; cDNA; Polymerase chain reaction; Organ of Corti; Cochlea (Tachibana, M. (62) 82)

Level discrimination
Auditory prosthesis; Psychophysics; Electrical stimulation; Nonhuman primate; Frequency discrimination (Barretto, R.L. (62) 245)

Marginal cells
Stria vascularis; Primary cell culture; Claudius' cells; Cytokeratin; Vimentin (Melichar, I. (62) 89)

Masking-level differences
Binaural hearing; Binaural sluggishness (Bernstein, L.R. (62) 157)

Membrane potential
Cochlea; Outer hair cell; Microelectrode; Na^+, K^+ ATPase; K^+ permeability; Na^+ permeability (Sunose, H. (62) 237)

Microelectrode
Cochlea; Outer hair cell; Membrane potential; Na^+, K^+ ATPase; K^+ permeability; Na^+ permeability (Sunose, H. (62) 237)

Microelectrodes
Cat; Cochlear nucleus; Electric stimulation; Microstimulation; Neural damage (McCreery, D.B. (62) 42)

Microstimulation
Cat; Cochlear nucleus; Electric stimulation; Microelectrodes; Neural damage (McCreery, D.B. (62) 42)

Middle-ear
Anatomy; Development; Mongolian gerbil (Cohen, Y.E. (62) 187)

Molecular biology
Guinea pig; Organ of Corti; Cloning (Wilcox, E.R. (62) 124)

Mongolian gerbil
Glycosaminoglycans; Hyaluronidase-gold; Otoconia; Utricle (Tachibana, M. (62) 11)

Middle-ear; Anatomy; Development (Cohen, Y.E. (62) 187)

Na^+, K^+ ATPase
Cochlea; Outer hair cell; Microelectrode; Membrane potential; K^+ permeability; Na^+ permeability (Sunose, H. (62) 237)

Na^+ permeability
Cochlea; Outer hair cell; Microelectrode; Membrane potential; Na^+, K^+ ATPase; K^+ permeability (Sunose, H. (62) 237)

Neural damage
Cat; Cochlear nucleus; Electric stimulation; Microelectrodes; Microstimulation (McCreery, D.B. (62) 42)

Neurokinin A
Preprotachykinin A; Substance P; Vestibular ganglion; Guinea pig; Hybridization, in situ; Histochemistry (Fujita, S. (62) 127)

Noise induced hearing loss
Hair cells; Cochlea; Compound action potential; Cochlear microphonic; Scanning electron microscopy (Boettcher, F.A. (62) 217)

Nonhuman primate
Auditory prosthesis; Psychophysics; Electrical stimulation; Frequency discrimination; Level discrimination (Barretto, R.L. (62) 245)

Organ of Corti
G protein; RNA; cDNA; Polymerase chain reaction; Lateral wall; Cochlea (Tachibana, M. (62) 82)

Guinea pig; Molecular biology; Cloning (Wilcox, E.R. (62) 124)

Otoacoustic emission
Guinea pig; Furosemide (Ueda, H. (62) 199)

Otoconia
Glycosaminoglycans; Hyaluronidase-gold; Utricle; Mongolian gerbil (Tachibana, M. (62) 11)

Ototoxicity
Vestibular recovery; Chick; Aminoglycosides; Hair cell regeneration (Jones, T.A. (62) 181)

Outer hair cell
Cochlea; Microelectrode; Membrane potential; Na^+, K^+ ATPase; K^+ permeability; Na^+ permeability (Sunose, H. (62) 237)

Permanent threshold shift
Acoustic trauma; Stereocilia; Temporary threshold shift; Cuticular plate (Gao, W.-y. (62) 27)

Phase locking
Forward masking; Compound action potential; Cat; Time constant (Chimento, T.C. (62) 131)

Piretanide
Gerbil; Inner ear; Potassium; Chloride channel (Wangemann, P. (62) 149)

Point process models
Binaural processing; Lateral superior; Inhibition olive (Zacksenhouse, M. (62) 105)

Polycythemia
Blood viscosity; Auditory nerve-brainstem response; Hematocrit (Lidan, D. (62) 57)

Polymerase chain reaction
G protein; RNA; cDNA; Organ of Corti; Lateral wall; Cochlea (Tachibana, M. (62) 82)

Potassium
Gerbil; Inner ear; Chloride channel; Piretanide (Wangemann, P. (62) 149)

Preprotachykinin A
Substance P; Neurokinin A; Vestibular ganglion; Guinea pig; Hybridization, in situ; Histochemistry (Fujita, S. (62) 127)

Primary cell culture
Stria vascularis; Marginal cells; Claudius' cells; Cytokeratin; Vimentin (Melichar, I. (62) 89)

Psychophysics
Auditory prosthesis; Electrical stimulation; Nonhuman primate; Frequency discrimination; Level discrimination (Barretto, R.L. (62) 245)

Rat
Intermediate filaments; Vimentin; Cytokeratin; Inner ear; Development (Kuijpers, W. (62) 1)

Reptiles
Anesthesia; Auditory physiology (Dodd, F. (62) 173)

RNA
G protein; cDNA; Polymerase chain reaction; Organ of Corti; Lateral wall; Cochlea (Tachibana, M. (62) 82)

Rodent
Evolution; Subterranean; Audiogram; Vision; Comparative (Heffner, R.S. (62) 206)

Scanning electron microscopy
Acoustic trauma; Cochlear damage (Fredelius, L. (62) 194)

Noise induced hearing loss; Hair cells; Cochlea; Compound action potential; Cochlear microphonic (Boettcher, F.A. (62) 217)

Spatial distribution
Active process; Acoustic lesion (Cody, A.R. (62) 166)

Static pressure
Eardrum; Area; Volume (Dirckx, J.J.J. (62) 99)

Stereocilia
Acoustic trauma; Temporary threshold shift; Permanent threshold shift; Cuticular plate (Gao, W.-y. (62) 27)

Stria vascularis
Primary cell culture; Marginal cells; Claudius' cells; Cytokeratin; Vimentin (Melichar, I. (62) 89)

Substance P
Preprotachykinin A; Neurokinin A; Vestibular ganglion; Guinea pig; Hybridization, in situ; Histochemistry (Fujita, S. (62) 127)

Subterranean
Evolution; Audiogram; Vision; Comparative; Rodent (Heffner, R.S. (62) 206)

Temporary threshold shift
Acoustic trauma; Stereocilia; Permanent threshold shift; Cuticular plate (Gao, W.-y. (62) 27)

Time constant
Forward masking; Compound action potential; Phase locking; Cat (Chimento, T.C. (62) 131)

Utricle
Glycosaminoglycans; Hyaluronidase-gold; Otoconia; Mongolian gerbil (Tachibana, M. (62) 11)

Ventral cochlear nucleus
Horseradish peroxidase-wheatgerm agglutinin; Contralateral cochlear nucleus; Dorsal cochlear nucleus; Commissural connections; Binaural hearing (Shore, S.E. (62) 16)

Vestibular ganglion
Preprotachykinin A; Substance P; Neurokinin A; Guinea pig; Hybridization, in situ; Histochemistry (Fujita, S. (62) 127)

Vestibular recovery
Chick; Aminoglycosides; Hair cell regeneration; Ototoxicity (Jones, T.A. (62) 181)

Vimentin
Intermediate filaments; Cytokeratin; Rat; Inner ear; Development (Kuijpers, W. (62) 1)

Stria vascularis; Primary cell culture; Marginal cells; Claudius' cells; Cytokeratin (Melichar, I. (62) 89)

Vision
Evolution; Subterranean; Audiogram; Comparative; Rodent (Heffner, R.S. (62) 206)

Volume
Eardrum; Static pressure; Area (Dirckx, J.J.J. (62) 99)